Cudonia monticola WA iNat88174518 (type WA) (Pachycudonia unnecessary Ge)
KC409034 Cudonia monticola OR
EU652347 Cudonia monticola OR
EU837205 Cudonia monticola (3/1) OR
PSMS328 Cudonia grisea WA iNat119829309 (type WA)
Cudonia circinnans UNITE EU+NA (type EU) EU784190 (official Ge)
Cudonia aff circinnans Ge UNITE EU+Chinax10 UDB015529
MP3954676 Cudonia circinans WA (= older Spathularia Ge Rhytismataceae)
Cudonia confusa UNITE EUx28 UDB0443660
Cudonia confusa UNITE EUx28
EU837206 Cudonia confusa Marion OR Matt
AF433152 Spathularia1 flavida (type of genus) (ENA+China+EU) official Ge
SVMFA011 Spathularia flavida PNW01 7/0 SVIMS BC
KC833088.1 Spathularia2 (Spathulariopsis) velutipes VT+ME official Ge (type VT)
Coccomyces cf dentatus Morocco KU986782 (type EU)
Coccomyces cf dentatus China 1 3 complex GU138721
Coccomyces cf dentatus China 2 (another 3 complex) GU138729
Coccomyces PNW02 OR spring iNat24964670
DQ491499 Coccomyces PNW02 2 OR
Rhytismataceae PNW01 WA iNat92186407 (Colpoma/Lophodermium)
KJ663833.2 Bulgaria inquinans EUx15 (+PQ +BC)
Bulgaria inquinans OR iNat37110142
JQ256427 Microglossum (Thuemenidium) cf atropurpureum USA ENA (type EU)
EU784253 Microglossum cf atropurpureum UK (type EU)
AY789398 Microglossum cf olivaceum ENA (type EU)
AY144562 Leotia lubrica EU 4
KX885939 Leotia cf lubrica EU
KM576461.1 Leotia sp. EU 2
KC411986 Leotia lubrica EU 3
MF159076 Leotia lubrica PNW01 CA (dirty)
DQ491484.1 Leotia lubrica PNW01 OR (dirty)
MG926552 Leotia lubrica PNW01 CA MO 308209
AY144552 Leotia lubrica PNW01 CA (all genbank checked)
MH507272.1 Rhytisma punctatum PNW01
SVMFA016 Rhytisma punctatum PNW01 Vict BC
NR 137807.1 Mycosymbioces mycenaphila TYPE OR
Chlorociboria PNW01 Alan WA
MP6598808 Chlorociboria PNW01 (as aeruginosa) OR
Chlorociboria sp. Fin (both type EU)
Polydesmia aff pruinosa Japan (type Sri Lanka) JN033453
Polydesmia pruinosa UNITE EU 4 AY775053
Polydesmia cf pruinosa WA iNat165853950 (0/1-3 EU)
Polydesmia pruinosa UNITE EU 2x5 AY775055
Polydesmia pruinosa UNITE EUx3 (type Sri Lanka) AY775056
Polydesmia pruinosa UNITE EU 3 UDB003059
AY789287.1 Mitrula PNW01 OR (type US)
PSMS329 Mitrula PNW01 WA iNat120767986 (3 paludosa)
U92310.1 Mitrula PNW01 OR (type US)
MZ159597.1 Mitrula paludosa UK (type EU)
AY789331.1 Mitrula elegans Wang 2 green MA (type US)
AY789333 M. elegans Wang 2 pink MA (type US) (3 1 paludosa)
AY789336.1 Mitrula elegans Wang 3 MA (type US)
AY789405.1 Mitrula borealis ENA (type ON)
AY789282.1 Mitrula borealis ENA (type ON)
PSMS416 Helotiales contaminent on Endogone-like thing OR iNat9867505 8
KC412000.1 Pezoloma ciliiferum 2 EU
MH863960.1 Pezoloma ciliiferum 1 EU (type EU)
MH863959.1 Pezoloma ciliiferum 1 EU
Ascocoryne cf sarcoides UNITE EUx3 (type EU)
Ascocoryne cf sarcoides Vanc BC Mary F34013 ON738527 (Genbank all checked)
Ascocoryne cf cylichnium UNITE EUx4 (type EU)
Ascocoryne cf cylichnium UNITE EU
AY789421.1 Bryoglossum cf gracile ENA (type EU)
AY789285.1 Bryoglossum cf gracile ENA (type EU)
Mollisia cf cinerea EU (type EU) LC171659
MT026402.1 Mollisia cf. cinerea ON (type EU)
MT026422.1 Phialocephala (not Mollisia ss) oblonga x34 (cited in comb prov paper) ON (type NY)
Phialocephala aff oblonga 5/0 WA iNat32114116
Phialocephala dimorphospora US UNITE 2
Phialocephala cf dimorpospora (type species) UNITE Canada 1 (type ON) AB671498
JX415338 Vibrissea cf filisporia OR iNat60160075 (type EU)
Vibrissea cf decolorans OR iNat91973351 (type EU not sequenced there)
Vibrissea cf truncorum OR iNat60160557
Vibrissea truncorum PNW01 OR iNat49918206 9/0
PSMS331 Vibrissea truncorum PNW01 2 WA iNat120689520
Vibrissea cf truncorum UNITE only EU iNat434854 (+E. Canada x4)
MT026377.1 Vibrissea cf truncorum ON (type EU)
MH855622 Lachnellula occidentalis BC 1930 (original collection)
MO 325863 Lachnellula occidentalis PNW01 WA
U59145.1 Lachnellula cf calyciformis (type EU)
KC464635.1 Lachnellula cf arida EU (type EU)
MH858775.1 Lachnellula cf arida EU (type EU)
PSMS882 Lachnellula hyalina WA iNat150462727 (older synonym exists)
NR 165202.1 Lachnellula hyalina TYPE EU (1965)
Lachnellula cf subtilissima EU (type UK) MH858774
LC438561 Lachnellula s.s. cf calyciformis JP
KY777393 Lachnellula cf calyciformis TN (type EU)
Lachnellula subtilissima 1875 UNITE EUx3 (type UK) KU516506
Lachnellula cf subtilissima EU (type UK) KC464640
Lachnellula cf calyciformis 1786 EU (type EU) MH858770
AB481255 Brunnipila s.s. cf fuscescens JP
AB481272.1 Brunnipila s.s. cf pseudocannabina JP
Brunnipila PNW01 OR iNat80050378
Capitotricha bicolor UNITE EU 2 LT904846
Capitotricha PNW01 UNITE EU 3 UDB01004578
Capitotricha (Lachnum) bicolor UNITE EU 1 LC424834
Capitotricha PNW01 WA iNat140952708
Capitotricha PNW01 CA iNat162349720
Lachnum virgineum PNW02 WA iNat72214826
AB481268 Lachnum s.s. cf virgineum JP (type EU)
MP6598890 Lachnum virgineum PNW01 OR
ON059244.1 Tatraea cf macrospora IN (type NY) iNat57475256
OM972551.1 Tatraea cf macrospora IN (type NY) iNat91476249
Tatraea PNW01 WA iNat147174372
MT154267.1 Cudoniella cf acicularis EU (type EU) (Tricladiaceae not gelatinous)
JX415336 Cudoniella 1 OR JLF2130 (Tricladiaceae)
PSMS332 Cudoniella PNW01 WA iNat116521480
MF908475 Phaeohelotium aff geogenum Mary UBC
MF908475 Phaeohelotium aff geogenum Vanc BC F33074
Phaeohelotium geogenum PNW01 (2 spores asci match) WA (1/0/2n BC) iNat97419631
Phaeohelotium geogenum UNITE EUx1 KC411992
DQ491502.1 Cudoniella2 PNW02 OR (as clavus)
Cudoniella2 PNW02 OR iNat80041352
Cudoniella2 PNW02 WA iNat115294325
DQ491502 Cudoniella2 cf clavus
MZ159380 Cudoniella2 cf tenuispora UK (type UK) (+cf clavus EU)
MK991839.1 Cudoniella2 PNW01 OR JLF2144 (Helotiaceae gelatinous)
Cudoniella2 PNW01 OR iNat80032319
Helotiales as Hymenoscyphus WA iNat166931211
NR 154907.1 Hymenoscyphus aurantiacus TYPE China (Hymenoscyphus clade F)
Amylocarpus encephaloides EU+NAx6 (type UK) KM272369 (monotypic genus)
MK353140.1 Goniopila cf monticola (type TN) (monotypic genus)
MP6598888 Coccomyces PNW01 OR
iNat17475482 Hymenoscyphus PNW02 OR
iNat17444703 Hymenoscyphus PNW03
KJ472298.1 Hymenoscyphus sinicus TYPE China
Hymenoscyphus sinicus PNW01 7/0 WA iNat30347183
Hymenoscyphus s.s. (clade A) cf fructigenus EUx4 (type EU) (type of genus) AJ430396
Hymenoscyphus cf fructigenus EUx2 (type of genus) KC481690
KC581301 Hyphodiscus sp. parasite on Phaeolus Mary UBC
MZ159551 Calycina claroflava (=Bisporella sulfurina) UK
MT435017.1 Calycina claroflava (=Bisporella sulfurina) EU
KC412006 Calycina claroflava (=Bisporella sulfurina) EU
KT185677.1 Calycina cf marina
AM262399.1 Calycina cf herbarum
SVMFA124 Calycina Bisporella citrina Vict BC
MP3954132 Calycina citrina) WA
AF335454 Calycina citrina Mary Vanc BC
Calycina citrina UNITE EUx8 (Bisporella) UDB019757
PSMS1393 Calycina citrina WA iNat187504532
LT158426.1 Heyderia abietis UNITE EUx4
AY789297.1 Heyderia aff abietis 5/0 ENA (type EU)
LT158430.1 Heyderia cucullata UNITE EUx7 (=pusilla)
Heyderia PNW01 CA iNat145169382
AY789290.1 Heyderia PNW01 OR
Ciboria cf rufofusca LR963469 EU (type EU)
PSMS330 Ciboria/Mycopappus Sclerotiniaceae PNW01 WA iNat120774483
GQ377487.1 cf Sclerotinia veratri MX (type CO)
Lanzia luteovirescens UNITE EU LT158431
Lanzia luteovirescens UNITE EU (short) UDB0400738
Lanzia luteovirescens PNW01 3 WA iNat63127916
Sclerotiniaceae CA iNat148561432
AB254190.1 Mycopappus aff alni Japan
AB254189.1 Mycopappus aff alni Japan
AB254177.1 Mycopappus alni NBC (type of genus) (type WA)
KY859158.1 Sclerotinia cf sclerotiorum USA+elsewherex50 (type EU) (type of genus)
MN163120.1 Sclerotinia cf sclerotiorum Korea+elsewherex12 (type EU) (type of genus)
Z99692.1 Myriosclerotinia cf scirpicola (type of genus) (type EU)
Z73766.1 Ciboria caucus 1 EU (type of genus)
MZ159549 Ciboria caucus 2 EU (type of genus)
Sclerotiniaceae PNW02 OR iNat79379035 (micro)
MORCHELLA HOTSONII (OUTGROUP)
0.10